

ABSTRACT OF THE DISCLOSURE

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A networking system of the present invention is associated with an integrated security gateway for integrating virtual private networking, firewall, and network monitoring functions. A duplicate of a received packet is provided to a network monitoring system connected thereto or included therein so as to detect all kind of intrusions and attacks to a virtual private network and the integrated security gateway itself. And, by implementing a variety of functions and services in the network monitoring system, the network system of the present invention can enjoy almost complete security.